Circulatory System:

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Responsible for transporting materials through body.

Transports nutrients, water, and oxygen to rest of body so it can be converted into energy.

Carries away wastes such as carbon dioxide that body cells produce.

Capillaries:

Thin and fragile.

Release of oxygen and carbon dioxide takes place in capillary wall,

Primarily found in lungs which and are attached to most of the organs.

Heart:

Sits between lungs in the middle of chest.

Pumps blood to all parts of body through arteries and veins.

Importance: Blood delivers oxygen and nutrients cells need to survive and removes wastes such as carbon dioxide.

Lungs:

Take in oxygen.

Needed for energy and exhales bi-product of body turning oxygen into energy (carbon dioxide).

Veins:

Carry carbon dioxide to lungs

Then exhaled into carbon dioxide.

Arteries:

Slightly larger than veins

Take oxygen from lungs to rest of body.

Everything else:

Lungs take in oxygen and blood takes it through capillaries to other organs.

Organs then convert oxygen into carbon dioxide.

Then blood takes carbon dioxide to lungs, then exhaled by lungs.

